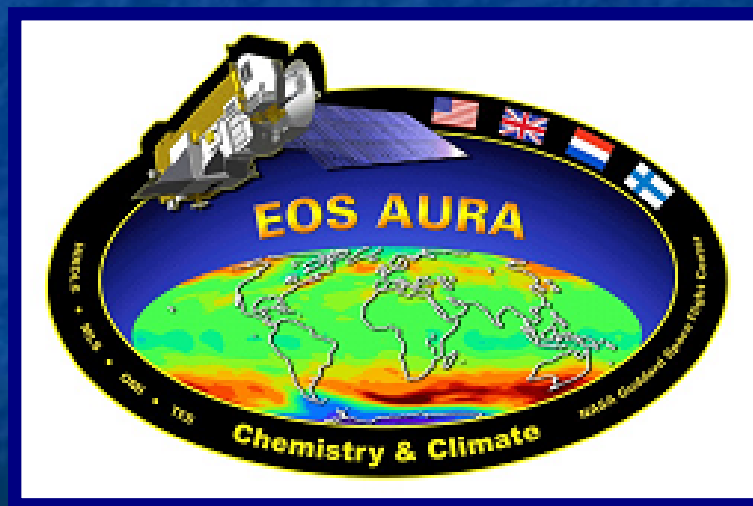


Aura DSWG Report

Cheryl Craig



Right outside the conference center--- the NASA dumpster?



Instrument Team Reports:HIRDLS

Vince Dean



- v2.02.07: Run for 314 days of interest, public access via Goddard DISC
- v2.04.09 to be released to Goddard DISC for public access in Oct '07
 - Data record will span entire mission
 - 2.04.09 data record will stop when GEOS-5.0.1 stops
- Next version, event driven and will contain:
 - Algorithm refinements
 - Utilize GEOS5.1.0

SIPS

- Developed for production processing, audit trail useful for handling experiments as well
- With large number of experiments, created a data pool area to allow collaborators to retrieve good data products
- SIPS using many systems, servers, email, etc – use Nagios to monitor status of large variety of systems

Instrument Team Reports:MLS

David Cuddy



- V2.21 (Level 1 and Level 2 data products)
 - Processing each day as it arrives, retro processing with extra cycles
 - Processing rate about 70 days per month
 - Will continue V2.21 with GEOS5.1.0 – most likely changeover on specific date (publicize via MLS web site) and metadata field “InputPointer” will document which GEOS5 version
- V2.22: Improve throughput without data quality change – in testing
- Level 3 products – waiting to be validated
- Redesign of SIPS file system – under test
- Near Real Time Processing for data assimilation – under development
- SIPS funded for 8/5 staffing, but successful 24/7 operations due to excellent team at Raytheon and sharing team with TES

Instrument Team Reports:OMI

Jacques Claas



Collection 3 - first consistent data collection making use of daily calibrated information

- Completed reprocessing L1b data for entire mission, continue in forward stream
- Will reprocess L2 publicly released products before end 2007
- Currently generating L2 (both Dutch and US) in forward ECS stream
 - OMCLDO2, OMDOAO3 (Dutch Products) released to DISC
 - OMT03, OMSO2 (US products) pending PI approval
- ECS L0-L1b forward processing will be turned off this month
- L2 products not in Collection 3 will not be processed until algorithm refinements made

OMI Near Real Time Products

- Most popular products, sent to 6 external customers
- Currently using ECS, transition to Collection 3 in Fall '07
- Routinely supporting ground campaigns

Instrument Team Reports:TES

Doug Shepard



- Current version: 'R10.1' active at SIPS since Jan '07
 - L1B ESDT Version 2, File version F03_03
 - L2 ESDT Version 3, File version F04_04
 - L3 Daily, monthly, grid and browse products, ESDT Version 1, File version F04_04
 - L2 Nadir and Limb Products – In various stages of development/validation
- R10.1 Reprocessing expected to be complete Nov. '07
- Upcoming Releases
 - R10.4 – Only for forward processing from date of switchover to GEOS5.1.0 (when GEOS5.0.1 turns off)
 - R11 – scheduled for March '07
 - Algorithm improvements and completely using GEOS5.1.0

Aura HDF-EOS Guidelines

Cheryl Craig



- Have delivered revised Aura Guidelines to NASA's Standard Process Group
 - Passed internal review, now being reviewed by external experts
- Updated Guidelines will be available next week at:
http://www.eos.ucar.edu/hirdls/HDFEOS_Aura_File_Format_Guidelines.pdf

GES DISC Report

James Johnson



OMI Status

- L2 v2 transitioning to S4PA from ECS (end transfer in Oct)
- Public data via S4PA: L2(v2 and v3), L2G (v2)
- Hidden/restricted data via S4PA: L0/L1 L1 – will be public soon (v3)
- Waiting for delivery: L2G(v3)

MLS Status

- Almost all data transferred to S4PA from ECS, one bad tape necessitates redelivery of a few days from MLS
- Public data via S4PA: L1 (v1 and v2), L2 (v1 and v2)
- Hidden/restricted data via S4PA: L0

HIRDLS Status

- All data transferred to S4PA from ECS
- Public data via S4PA: L2 (v2)
- Hidden/restricted data via S4PA: L0
- Waiting for delivery: L2(v2.04.09)

GMAO Subsets now in S4PA – GEOS5.1.0 data flows: tested/passed

ESDIS Report

Alfreda Hall



EOSDIS Evolution testing/completion:

- GES DISC now using S4PA
- ASCD DAAC project using ANGe in May 2008

Status of Evolution ICDs:

- Replacing individual team's ICDs
- S4PA MLS, HIRDLS and OMI appendices in signature cycle
- TES original ICD document will retire after ANGe transition and become an appendix
- Other interfaces in various stages of creation/review

MLS Near Real-Time: Established RBD data flow from EDOS to S4PA, continue work on conversion software

GMAO Version ID for TES: Permanently change to 1 in metadata, successful test, final verification during operational flow of v5.1.0

EDG to Warehouse Inventory Search Tool (WIST) Transition: Plan to start in Spring 2008 and turn off EDG in late 2008

Toolkit and HDF-EOS Status and Future Plans

Alfreda Hall for Abe Taaheri



- Current support staff: 1 ½ developers to support Toolkit, including HDF-EOS
- Planning next release of Toolkit (5.2.15) in November 2007
 - HDF-EOS5: A good number of fixes and developments (several initially reported by Aura Teams)
- Next release of HDFView plugin: December 2007